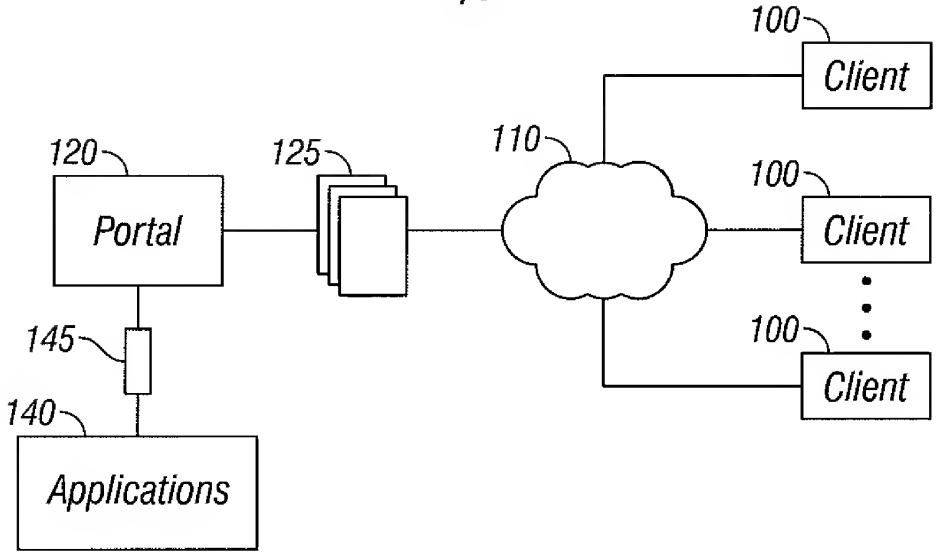
100
Client
120
Portal
125
110
100
Client
145
100
Client
140
Applications

FIG. 1

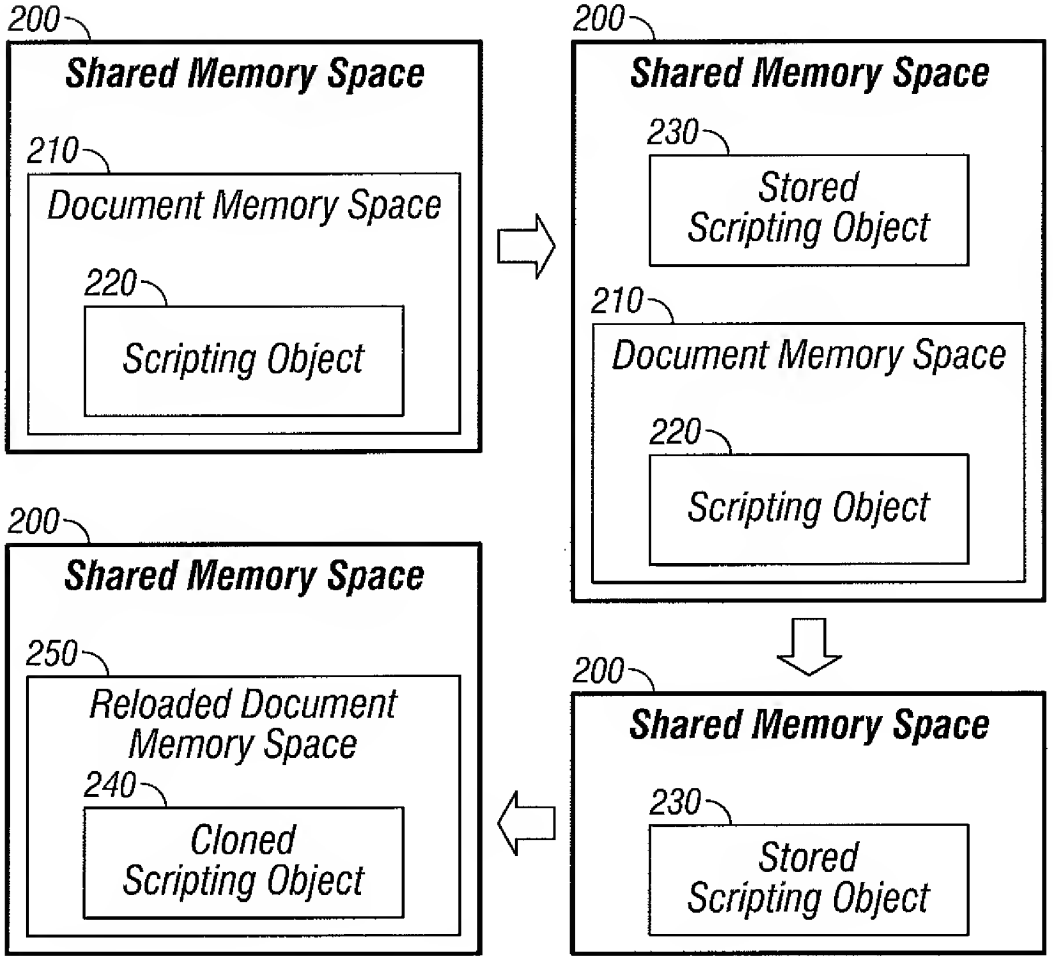
200
Shared Memory Space
210
Document Memory Space
220
Scripting Object
200
Shared Memory Space
230
Stored Scripting Object
210
Document Memory Space
220
Scripting Object
200
Shared Memory Space
250
Reloaded Document Memory Space
240
Cloned Scripting Object
200
Shared Memory Space
230
Stored Scripting Object

FIG. 2

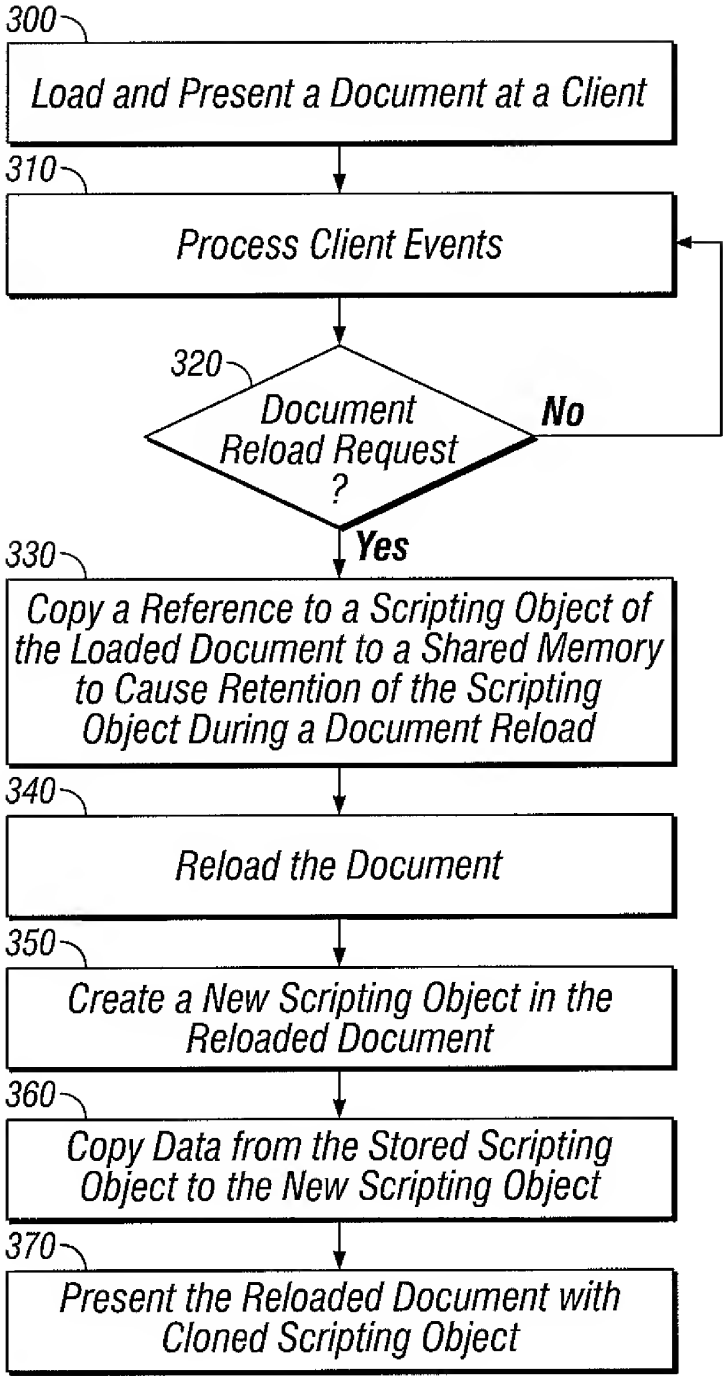
300
Load and Present a Document at a Client
310
Process Client Events
320
Document Reload Request ?
No
Yes
330
Copy a Reference to a Scripting Object of the Loaded Document to a Shared Memory to Cause Retention of the Scripting Object During a Document Reload
340
Reload the Document
350
Create a New Scripting Object in the Reloaded Document
360
Copy Data from the Stored Scripting Object to the New Scripting Object
370
Present the Reloaded Document with Cloned Scripting Object

FIG. 3

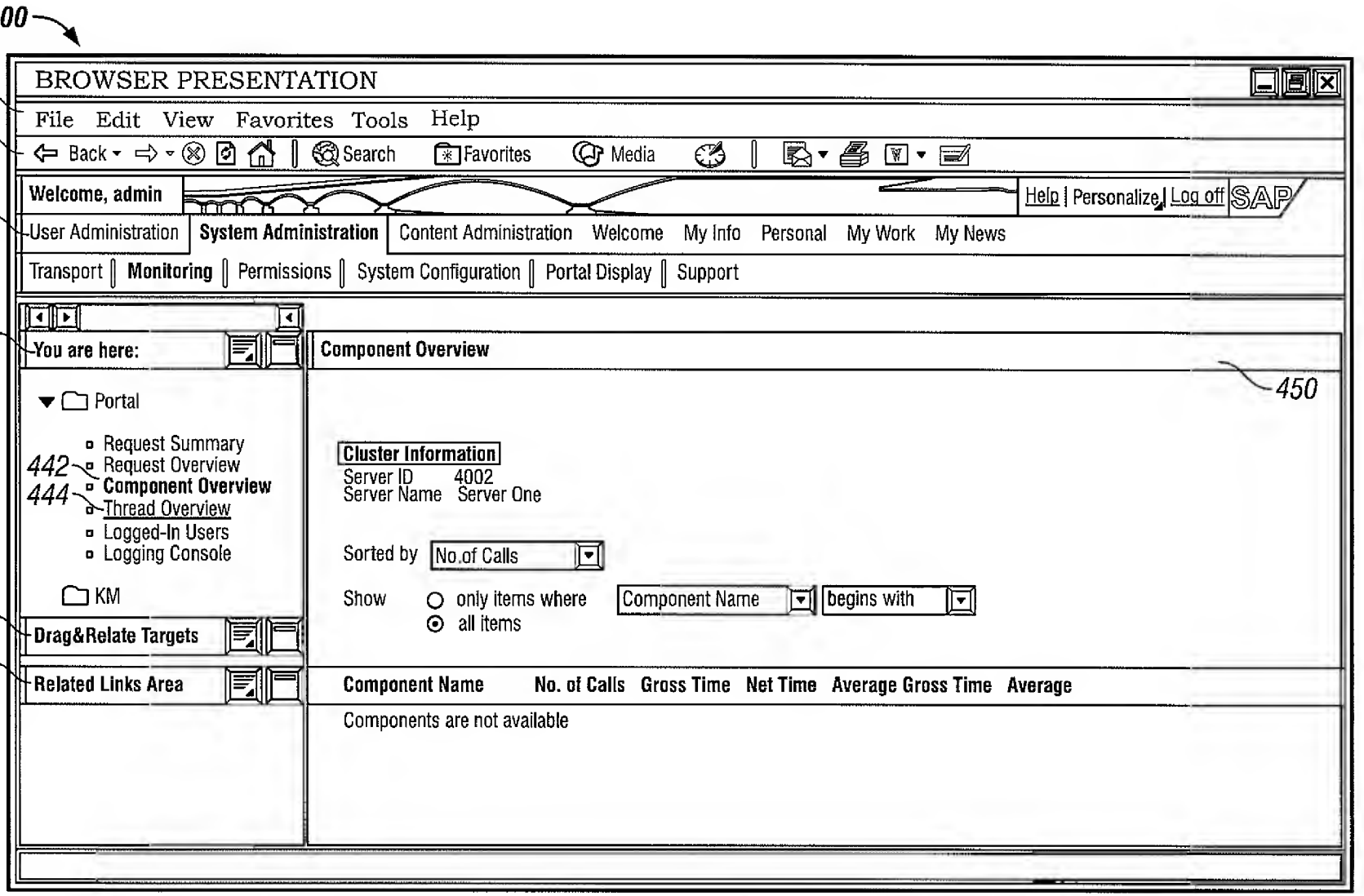

FIG. 4

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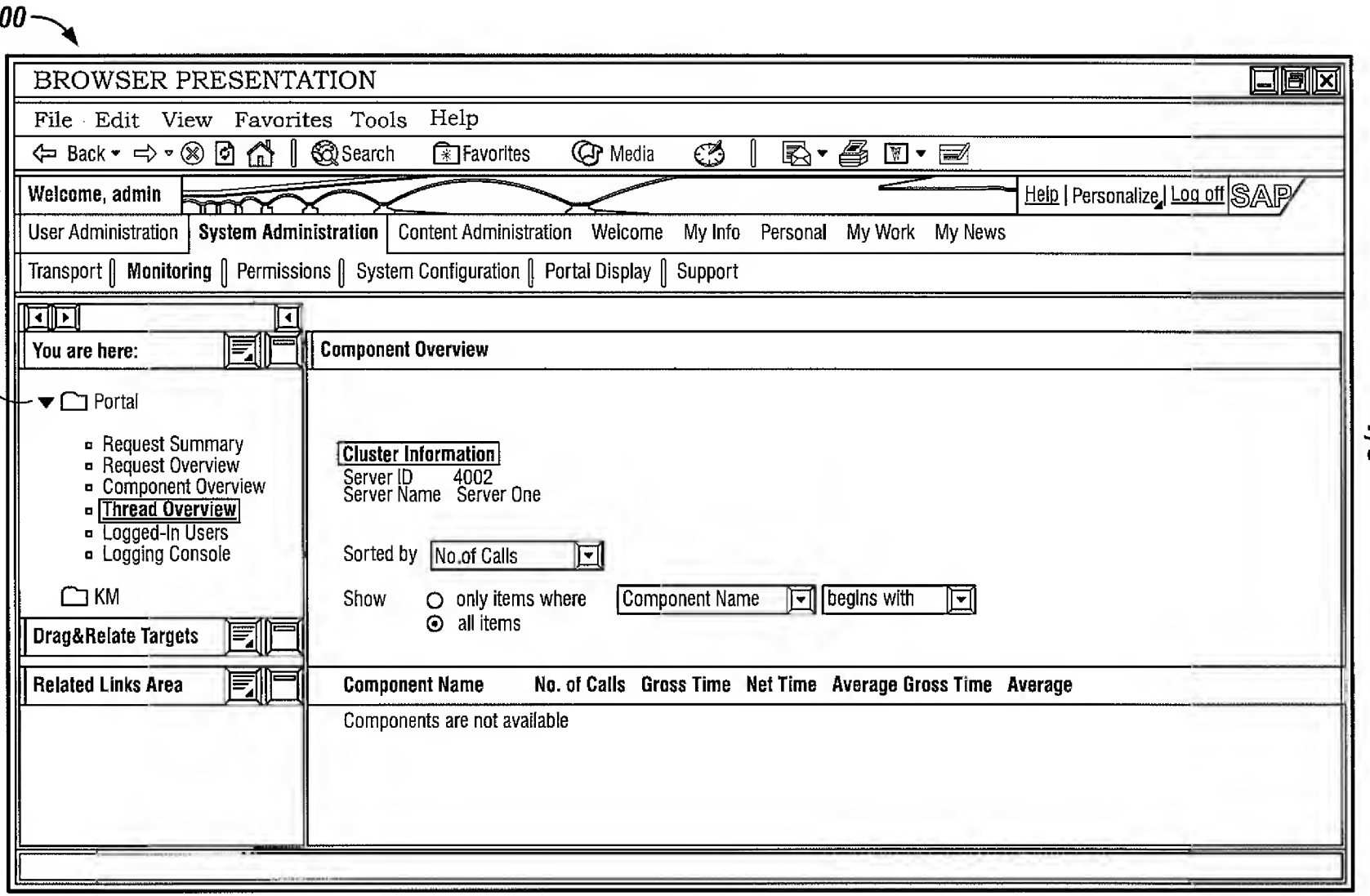

FIG. 5

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Filing Date: September 9, 2003

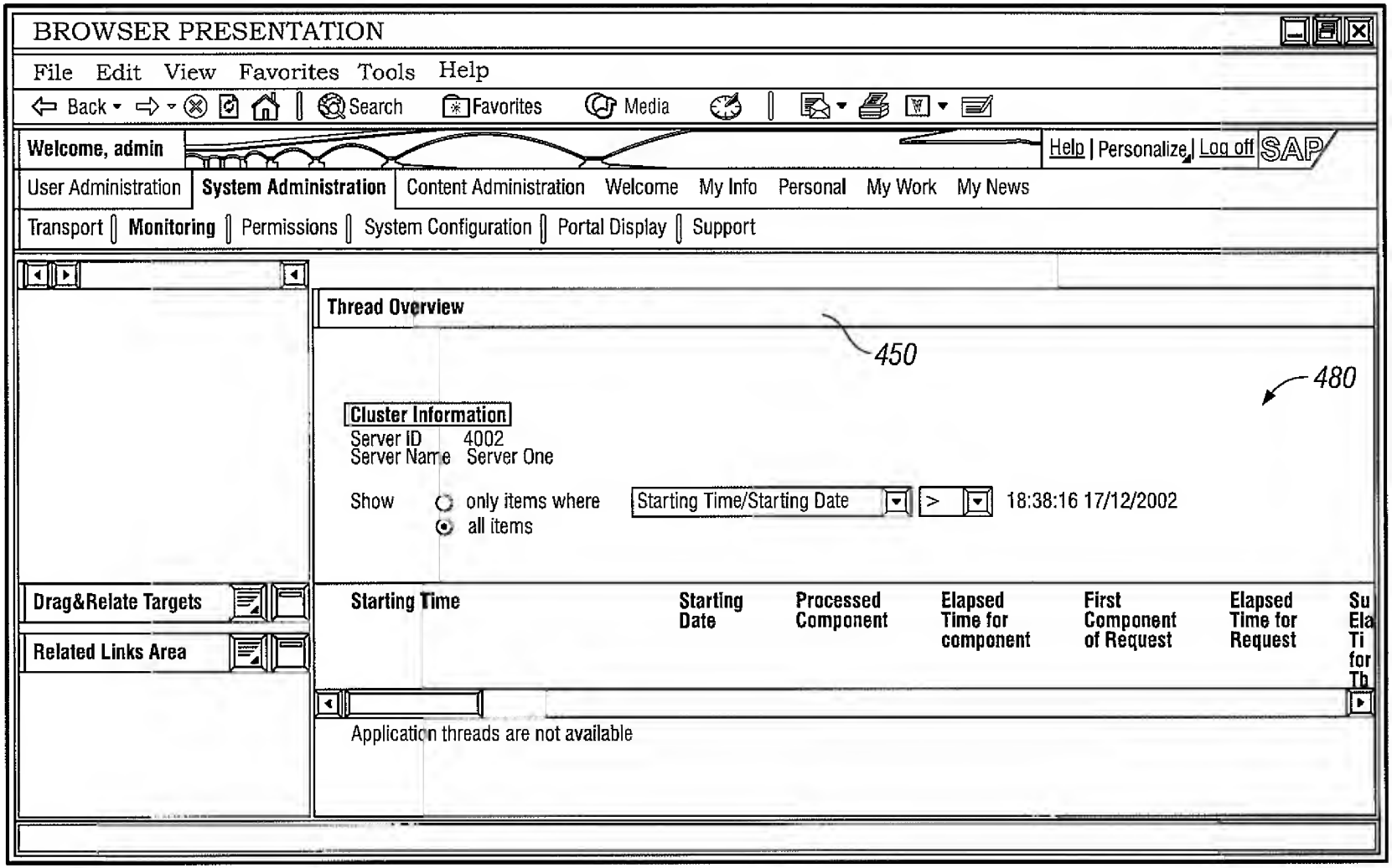

FIG. 6

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USSN No.: 10/659,106
Filing Date: September 9, 2003

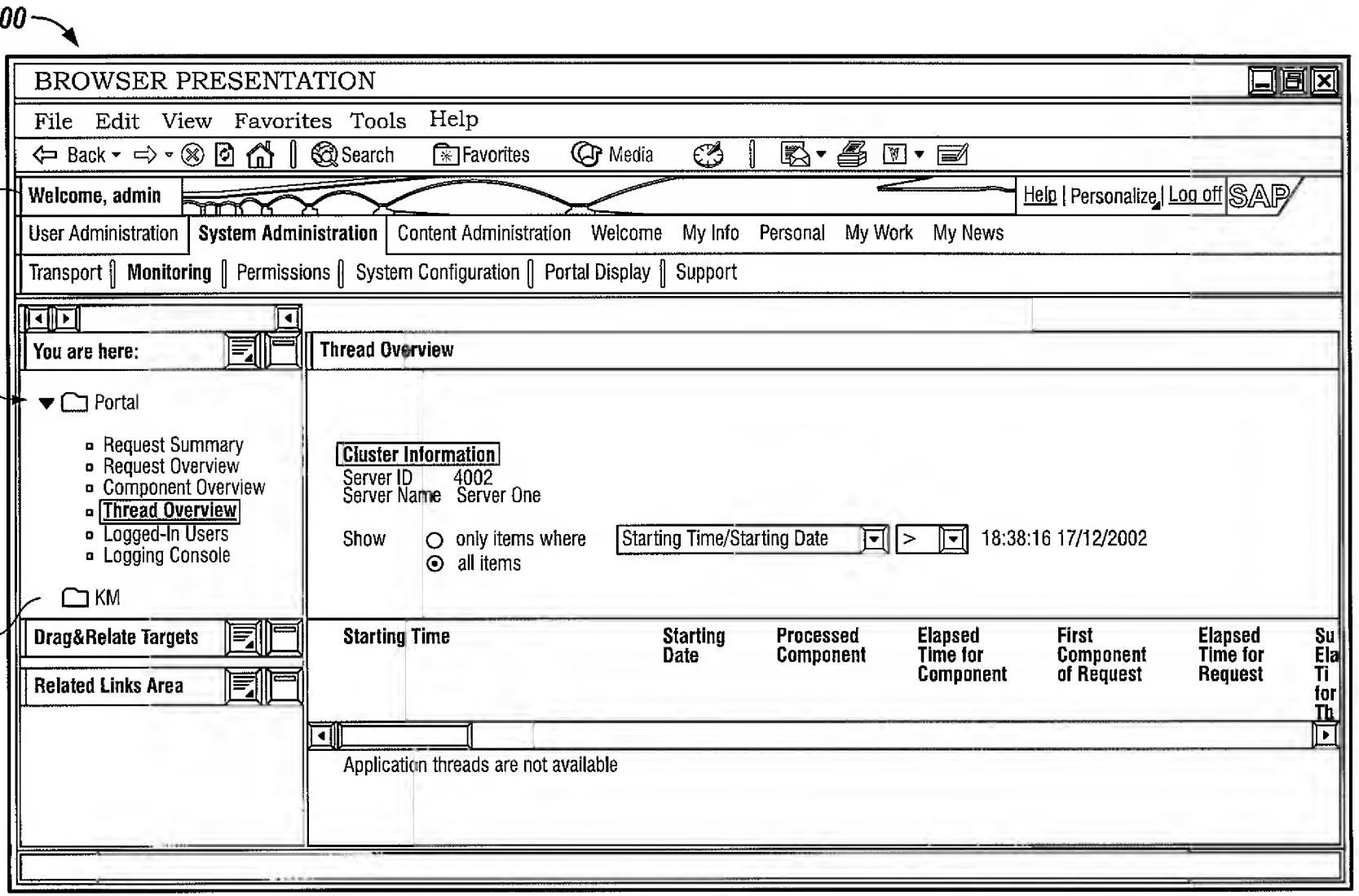

FIG. 7

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